

Amendments to the Claims

Please amend claims 71 and 83 and add new claims 84-93 as shown below. All pending claims are reproduced below, including those that are not being currently amended.

1.-51. (Canceled)

52. (Previously Presented) An air conditioner device, comprising:

a free-standing vertically elongated housing;

a first plurality of vertically elongated louvers formed in said housing and defining a first air vent;

a second plurality of vertically elongated louvers formed in a removable panel and defining a second air vent, said panel adapted to be secured to said housing;

an ion generator positioned in said housing that creates an electro-kinetic airflow between said air vents;

a vertically elongated germicidal lamp positioned in said housing between said air vents; and

first and second vertically elongated walls adjacent said germicidal lamp, said first wall located between said first air vent and said lamp to prevent a user from looking through said first air vent and directly viewing UV radiation emitted from said lamp, said second wall located between said second air vent and said lamp to prevent a user from looking through said second air vent and directly viewing UV radiation emitter from said lamp;

wherein said second wall is attached to said removable panel so that access is provided to said germicidal lamp when said panel is removed from said housing; and

wherein said louvers defining said first air vent are generally planar and extend in a direction generally parallel to one another, and said louvers defining said second air vent are generally planar and extend in a direction generally parallel to one another, so as to not significantly impede air entering said housing and exiting said housing through said air vents.

53. (Previously Presented) The device of claim 52, wherein said wall that is attached to said removable panel has a concave surface facing said lamp.

54. (Previously Presented) The device of claim 53, wherein said wall that is not attached to said removable panel has a convex surface facing said lamp.

55. (Previously Presented) The device of claim 52, further comprising
a safety mechanism that cuts-off power to at least said lamp when said removable panel is removed from said housing.

56. (Previously Presented) The device of claim 55, wherein said safety mechanism allows power to be provided to at least said lamp when said removable panel is secured to said housing.

57. (Previously Presented) The device of claim 55, wherein said safety mechanism includes:
a switch having a first position and a second position; and
a tab projecting from said removable panel and adapted to interface with said switch such that said switch is in said first position when said removable panel is secured to said housing, and said switch is in a second position when said removable panel is removed from said housing;
wherein said switch allows power to be provided to at least said lamp when said switch is in said first position; and
wherein said switch cuts-off power to at least said lamp when said switch is in said second position.

58. (Previously Presented) The device of claim 57, further comprising:
a recess within which said switch is positioned;
wherein said tab fits within said recess and engages said switch when said panel is secured to said housing, thereby causing said switch to be in said first position; and
wherein said tab disengages from said switch when said panel is removed from said housing, thereby causing said switch to be in said second position.

59. (Previously Presented) An air conditioner device, comprising:
a free-standing housing defining an interior between an inlet and an outlet;

a removable panel, securable to said housing, and within which is defined said inlet, said panel including a first side that faces said interior of said housing and a second side that faces away from said housing when said panel is secured to said housing;

an ion generator positioned within said interior of said housing;

a germicidal lamp positioned within said interior of said housing; and

a wall attached to said first side of said removable panel, said wall arranged to prevent a user from directly looking through said inlet and directly viewing UV radiation emitted from said lamp when said panel is secured to said housing;

wherein said lamp is accessible to a user when said removable panel and said attached wall are removed from said housing;

wherein said inlet is defined by a plurality of louvers that are generally planar and extend in a direction generally parallel to one another so as to not significantly impede air entering said housing through said inlet; and

wherein said outlet is defined by a plurality of louvers that are generally planar and extend in a direction generally parallel to one another, so as to not significantly impede air exiting said housing through said outlet.

60. (Previously Presented) The device of claim 59, wherein said wall that is attached to said removable panel has a concave surface facing said lamp.

61. (Previously Presented) The device of claim 59, further comprising a second wall positioned within said interior of said housing, said second wall to prevent a user from looking through said outlet and directly viewing UV radiation emitted from said lamp.

62. (Previously Presented) The device of claim 61, wherein said second wall has a convex surface facing said lamp.

63. (Previously Presented) The device of claim 59, further comprising:

a safety mechanism that cuts-off power to at least said lamp when said removable panel is removed from said housing.

64. (Previously Presented) The device of claim 63, wherein said safety mechanism allows power to be provided to at least said lamp when said removable panel is secured to said housing.

65. (Previously Presented) The device of claim 64, wherein said safety mechanism includes:
a tab extending from a first side of said removable panel;
a recess within which said tab fits when said removable panel is secured to said housing;
and
a switch, within said recess, said switch depressed by said tab when said removable panel is secured to said housing;
wherein said switch cuts-off power to at least said lamp when said tab does not depress said switch; and
wherein said switch allows power to be provided to at least said lamp when said tab depresses said switch.

66. (Previously Presented) The device of claim 59, wherein said ion generator produces an airflow from said inlet to said outlet when powered.

67. (Previously Presented) The device of claim 59, further comprising:
a safety mechanism that cuts-off power to said lamp and said ion generator when said removable panel is removed from said housing.

68. (Previously Presented) The device of claim 67, wherein said safety mechanism allows power to be provided to said lamp and said ion generator when said removable panel is secured to said housing.

69. (Previously Presented) The device of claim 68, wherein said safety mechanism includes:
a tab extending from a first side of said removable panel;
a recess within which said tab fits when said removable panel is secured to said housing;
and
a switch, within said recess, said switch depressed by said tab when said removable panel is secured to said housing;

wherein said switch cuts-off power to said lamp and said ion generator when said tab does not depress said switch; and

wherein said switch allows power to be provided to said lamp and said ion generator when said tab depresses said switch.

70. (Previously Presented) The device of claim 68, wherein said safety mechanism includes a switch that cuts-off power to said lamp and said ion generator when said removable panel is removed from said housing.

71. (Currently Amended) An air conditioner device, comprising:

a free-standing housing defining an interior between an inlet and an outlet;

a removable panel, adapted to be secured to said housing, and within which is defined said inlet, said panel including a first side that faces said interior of said housing and a second side that faces away from said housing when said panel is secured to said housing;

an ion generator positioned within said interior of said housing;

a germicidal lamp positioned within said interior of said housing such that a user looking through said inlet or said outlet cannot directly view UV radiation emitted from said lamp; and

a safety mechanism that cuts-off power to at least said lamp when said removable panel is removed from said housing;

wherein said lamp is accessible to a user when said removable panel is removed from said housing;

wherein said inlet is defined by a plurality of louvers that are generally planer and extend in a direction generally parallel to one another so as to not significantly impede air entering said housing through said inlet; and

wherein said outlet is defined by a plurality of louvers that are generally planer and extend in a direction generally parallel to one another, so as to not significantly impede air exiting said housing through said outlet.

72. (Previously Presented) The device of claim 71, wherein said safety mechanism allows power to be provided to at least said lamp when said removable panel is secured to said housing.

73. (Previously Presented) The device of claim 72, wherein said safety mechanism includes a switch that cuts-off power to at least said lamp when said removable panel is removed from said housing.

74. (Previously Presented) The device of claim 71, wherein said safety mechanism comprises:

- a tab extending from a first side of said removable panel;

- a recess within which said tab fits when said removable panel is secured to said housing;

and

- a switch, within said recess, said switch depressed by said tab when said removable panel is secured to said housing;

- wherein said switch cuts-off power to at least said lamp when said tab does not depress said switch; and

- wherein said switch allows power to be provided to at least said lamp when said tab depresses said switch.

75. (Previously Presented) The device of claim 71, wherein said ion generator produces an airflow from said inlet to said outlet when powered.

76. (Previously Presented) The device of claim 71, further comprising:

- a safety mechanism that cuts-off power to said lamp and said ion generator when said removable panel is removed from said housing.

77. (Previously Presented) The device of claim 76, wherein said safety mechanism allows power to be provided to said lamp and said ion generator when said removable panel is secured to said housing.

78. (Previously Presented) The device of claim 77, wherein said safety mechanism comprises:

- a tab extending from a first side of said removable panel;

a recess within which said tab fits when said removable panel is secured to said housing;
and

a switch, within said recess, said switch depressed by said tab when said removable panel is secured to said housing;

wherein said switch cuts-off power to said lamp and said ion generator when said tab does not depress said switch; and

wherein said switch allows power to be provided to said lamp and said ion generator when said tab depresses said switch.

79. (Previously Presented) An air conditioner device, comprising:

a free-standing housing defining an interior between a first air vent and a second air vent;
a removable panel, securable to said housing, and within which is defined said second air vent, said panel including a first side that faces said interior of said housing and a second side that faces away from said housing when said panel is secured to said housing;

an ion generator positioned within said interior of said housing;

a germicidal lamp positioned in said housing between said first and second air vents; and

a vertically elongated wall adjacent said germicidal lamp, said wall arranged to prevent a user from looking through said second air vent and directly viewing UV radiation emitted from said lamp;

wherein access is provided to said germicidal lamp when said panel and said wall are removed from said housing; and

wherein said first air vent is defined by a plurality of louvers that are generally planer and extend in a direction generally parallel to one another, and said second air vent is defined by a plurality of louvers that are generally planer and extend in a direction generally parallel to one another, so as to not significantly impede air entering and exiting said housing through said first air vent and said second air vent.

80. (Previously Presented) The device of claim 79, wherein said wall is attached to said removable panel, and thereby removed from said housing when said panel is removed from said housing.

81. (Previously Presented) The device of claim 80, wherein said wall is integrally formed with said removable panel.

82. (Previously Presented) The device of claim 79, further comprising a second wall positioned within said interior of said housing, said second wall to prevent a user from looking through said first air vent and directly viewing UV radiation emitted from said lamp.

83. (Currently Amended) An air conditioner device, comprising:

- a free-standing housing defining an interior between a pair of air vents;

- a removable panel securable to said housing, and within which is defined one of said air vents, said panel including a first side that faces said interior of said housing and a second side that faces away from said housing when said panel is secured to said housing;

- an ion generator positioned within said interior of said housing;

- a germicidal lamp positioned within said interior of said housing such that a user looking through said air vents cannot directly view UV radiation emitted from said lamp; and

- a safety mechanism that cuts-off power to at least said lamp when said removable panel is removed from said housing;

- wherein said lamp is accessible to a user when said removable panel is removed from said housing; and

- wherein said pair of air vents are each defined by a respective plurality of louvers that they are generally planer and extend in a direction generally parallel to one another so as to not significantly impede air entering and exiting said housing through said air vents.

84. (New) An air conditioner device, comprising:

- a free-standing housing defining an interior between a first air vent and second air vent;

- a removable panel, securable to said housing, and within which is defined said one of said air vents, said panel including a first side that faces said interior of said housing and a second side that faces away from said housing when said panel is secured to said housing;

- an ion generator positioned within said interior of said housing;

- a germicidal lamp positioned within said interior of said housing; and

a wall attached to said first side of said removable panel, said wall arranged to prevent a user from directly looking through said one of said air vents defined in said removable panel and directly viewing UV radiation emitted from said lamp when said panel is secured to said housing;

wherein said lamp is accessible to a user when said removable panel and said attached wall are removed from said housing.

85. (New) The device of claim 84, wherein:

said first air vent includes a plurality of louvers that are generally planer and extend in a direction generally parallel to one another so as to not significantly impede air flowing through said first air vent; and

said second air vent includes a plurality of louvers that are generally planer and extend in a direction generally parallel to one another, so as to not significantly impede air flowing through said second air vent.

86. (New) The device of claim 84, wherein said wall has a concave surface facing said lamp and a convex surface facing said air vent.

87. (New) The device of claim 84, further comprising:

a safety mechanism that cuts-off power to at least said lamp when said removable panel is removed from said housing.

88. (New) The device of claim 84, wherein said wall is integrally formed with said removable panel.

89. (New) An air conditioner device, comprising:

a free-standing housing defining an interior and an air vent that allows air to enter said interior of said housing;

a removable panel securable to said housing, and within which is defined said air vent, said panel including a first side that faces said interior of said housing and a second side that faces away from said housing when said panel is secured to said housing;

an ion generator positioned within said interior of said housing;
a germicidal lamp positioned within said interior of said housing; and
a wall attached to said first side of said removable panel and arranged to prevent a user from looking through said air vent and directly viewing UV radiation emitted from said lamp;
wherein said lamp is accessible to a user when said removable panel and said wall attached thereto are removed from said housing.

90. (New) The device of claim 89, wherein said air vent includes a plurality of louvers that are generally planer and extend in a direction generally parallel to one another so as to not significantly impede air flowing through said air vent.

91. (New) The device of claim 89, wherein said wall has a concave surface facing said lamp and a convex surface facing said air vent.

92. (New) The device of claim 89, further comprising:
a safety mechanism that cuts-off power to at least said lamp when said removable panel is removed from said housing.

93. (New) The device of claim 89, wherein said wall is integrally formed with said removable panel.